



IFW

PATENT

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date set forth below as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Date of Signature

and Deposit: \_\_\_\_\_

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kyle A. Brownell, et al

Client Docket No. \_\_\_\_\_

Serial No.: 10.829,525

Filing Date: April 22, 2004

Title: Two Stage Air Filter

Art Unit: 1742

Examiner:

Atty Docket: 410193.90155

INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 CFR 1.97

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The following are submitted in the above-identified application in compliance with 37 CFR 1.97 and 1.98:

- ☒ A list of documents on form PTO-1449 together with copies of all identified foreign patent documents and non-patent literature;
- ☐ A translation or a concise explanation of each non English language document is enclosed herewith.

This paper is submitted in accordance with:

- ☐ 37 CFR 1.97(b) [within 3 months of filing or prior to 1<sup>st</sup> Office Action]
- ☒ 37 CFR 1.97(c) [before Final Office Action or Notice of Allowance]; and

☒ The required certification made under the heading "Certification" below;  
or

☐ The \$\_\_\_\_\_ fee specified in 37 CFR §1.17(p) for submission of this  
Information Disclosure Statement is authorized under the heading  
"Authorization to Charge Fees" below.

☐ 37 CFR §1.97(d) [before issue fee payment]; and

☐ The required certification made under the heading "Certification" below;  
and

The \$\_\_\_\_\_ fee specified in 37 CFR §1.17(p) for submission of this  
Information Disclosure Statement is authorized under the heading  
"Authorization to Charge Fees" below.

☒ Certification

☐ Each item of information contained in this Statement was first cited in any  
communication from a foreign patent office in a counterpart foreign  
application not more than three months prior to the filing of this  
Statement; or

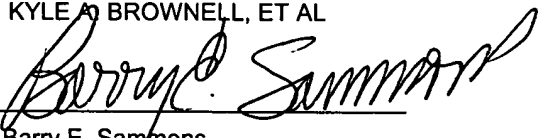
☒ No item of information contained in this statement was cited in a  
communication from a foreign patent office in a counterpart foreign  
application and, to the knowledge of the person signing this document after  
making reasonable inquiry, was known to any individual designated in 37 CFR  
1.56(c) more than three (3) months prior to the filing of this Statement.

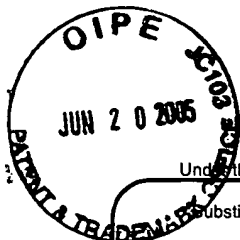
☒ Authorization to Charge Fees

Please charge all applicable fees associated with the submittal of this Information  
Disclosure Statement to Deposit Account 17-0055.

Respectfully submitted,  
KYLE A BROWNELL, ET AL

By:

  
Barry E. Sammons  
Attorney for Applicant  
Reg No.: 25,608  
Quarles & Brady LLP  
411 East Wisconsin Avenue  
Milwaukee, WI 53202



U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

### Complete if Known

Application Number	10/829,525
Filing Date	April 22, 2004
First Named Inventor	Kyle A. Brownell et al
Art Unit	1724
Examiner Name	
Attorney Docket Number	410193.90155

Sheet 1 of 1

### U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1	US- 4,042,352	08-1977	Shujiro et al	
	2	US- 4,105,422	08-1978	Kiguchi	
	3	US- 4,604,110	08-1986	Frazier, Stephen E.	
	4	US- 4,682,992	07-1987	Fuch, Alfred E.	
	5	US- 5,145,648	09-1992	Miyahara et al	
	6	US- 5,179,061	01-1993	Harele, Hans A.	
	7	US- 5,792,360	09-1998	Algar, Brian Edward	
	8	US- 6,010,558	01-2000	Ackland, Phillip	
	9	US- 6,814,783	11-2004	Fitch et al	
	10	US- 2003/0024393	02-2003	Lim, In Gweon	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.